# LIHCH multi-conductor instrumentation cable 2x 1 mm², DIN47100 colour code, tinned copper braiding, LSZH Cca-s1a d1 a1, grey UV resistant outer jacket, 5,9 mm diameter, 100 m coil

**GGM FCSCH2X1C1**



## Product features

- Capacitance (nf/km) : 120
- Conformity : DIN VDE-812
- Inductance (M Ohms/km) : 20
- Conductor type : Flexible stranded annealed copper core
- Color code : DIN47100
- Sheath RAL : 7035
- Jacket color : Grey
- Shielding : Tresse cuivre étamé

## Article features

- Packing method : 100 M
- Conductors size : 1 mm2
- Number of conductors : 2

## ETIM 10 features

- Conductor material : Copper
- Conductor surface : Tinned
- Nominal cross section conductor : 1 mm²
- Conductor category : Class 5 = flexible
- Conductor resistance at 20 °C : 19.5 ohm/km
- Number of cores : 2
- Screen over stranding element : Braiding
- Core identification according to HD 308 S2 : No
- Core identification : Colour
- Drain wire : No
- Material outer sheath : Other
- Specification material outer sheath : Other
- Colour outer sheath : Grey
- Screen : Yes
- Cable geometry : Round
- Protective barrier : None
- Armouring/reinforcement : Braiding
- Material armouring : Copper
- Flame retardant according to IEC 60332-1-2 : Yes
- Flame retardant according to IEC 60332-3-21 (Cat A F/R) : No
- Flame retardant according to IEC 60332-3-22 (Cat A) : No
- Flame retardant according to IEC 60332-3-23 (Cat B) : No
- Flame retardant according to IEC 60332-3-24 (Cat C) : Yes
- Flame retardant according to IEC 60332-3-25 (Cat D) : No
- Low smoke according to EN IEC 61034-2 : Yes
- Halogen free according to EN IEC 60754-1 : Yes
- Halogen free according to EN IEC 60754-2 : Yes
- Halogen free according to EN IEC 60754-3 : No



- Reaction-to-fire according to EN 13501-6: Class : Cca
- Reaction-to-fire according to EN 13501-6: Smoke production : s2
- Reaction-to-fire according to EN 13501-6: Flaming droplets/particles : d1
- Reaction-to-fire according to EN 13501-6: Acidity : a1
- Oil resistant according to EN IEC 60811-404 : No
- Outer diameter approximate : 6 mm
- Min. permitted bending radius, moving application/free movement : 90 mm
- Min. permitted bending radius, stationary application/permanent installation : 24 mm
- Permitted cable outer temperature after assembling without vibration : -30 - 70
- Nominal voltage U0 : 300 V
- Nominal voltage U : 500 V
- Shape of conductor : Round
- Weight : 50 kg/km